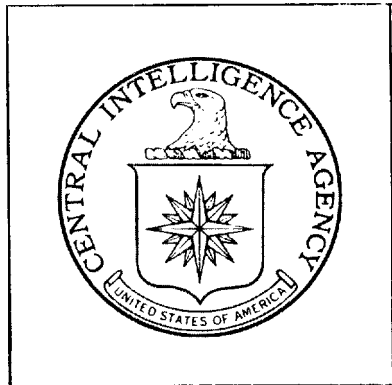


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DIRECTORATE OF
INTELLIGENCE

Declass Review by
NIMA / DoD

Imagery Analysis Report

Concentrations of Soviet Probable
Armor Transportation Equipment

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DATE OCT 1967

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IMAGERY ANALYSIS SERVICE

October 1967

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25X1CONCENTRATIONS OF SOVIET PROBABLE
ARMOR TRANSPORTATION EQUIPMENT

SUMMARY

Large concentrations of lowbed trailers and prime movers have been identified at five military installations in the western USSR. Two of these are located in the Moscow Military District (MD) and one each in the Belorussian, Carpathian, and Kiev MDs.

Three of these concentrations are located in installations housing tank divisions, and a fourth is located within 15 nautical miles of a tank division. The fifth concentration is located in the vicinity of a reported artillery brigade; however, a large number of tanks are stored a few miles to the east.

The types of equipment observed have previously been observed associated with both tactical missiles and armor. Due to the proximity of armor to each of these concentrations, their primary function is probably to provide transportation support to armored units.

Although we cannot at this time confirm or deny the existence of additional concentrations of these types of vehicles in the western USSR, we can state with a high degree of reliability that only one such concentration exists in the Belorussian MD.

- 1 -

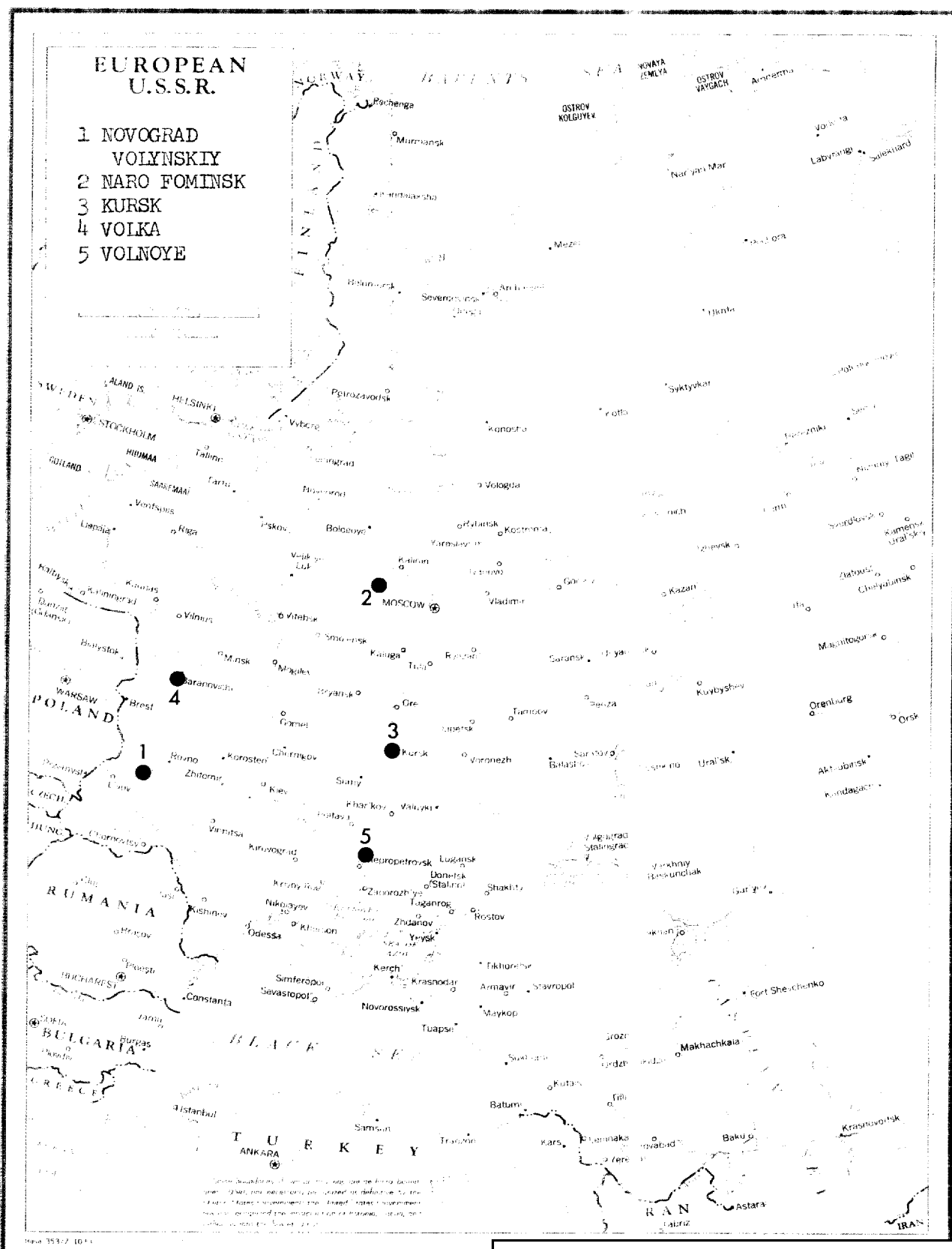
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FIGURE 1
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DISCUSSION

The five installations observed containing large numbers of lowbed trailers and prime movers are located at Novograd Volynskiy (Carpathian MD), Naro Fominsk and Kursk (Moscow MD), Volka (Belorussian MD), and Volnoye (Kiev MD). Of the five installations analyzed, the Volka area appears to be the only one specifically constructed for housing this type of unit. The other four units are stationed in existing barracks complexes with other ground force units.

The Novograd Volynskiy, Naro Fominsk, Volka, and Volnoye areas are locations of Category I and II tank divisions. An artillery brigade is the only ground force unit reported at Kursk. However, a depot immediately east of Kursk has a covered storage capacity for 224 tanks with a high count of 132 additional tanks observed in open storage. Therefore, although no known active tank unit is located at Kursk, there may be an association between the transportation unit and the tank depot.

Five basic pieces of transportation equipment are observed in these installations. MAZ 535 and MAZ 537 are the most commonly observed prime movers. A rail-type lowbed semitrailer (found with the MAZ 537), a 20-ton lowbed trailer (usually found with the MAZ 535), and a 40-ton lowbed trailer are the principal towed units. The major types of equipment observed within these installations are shown in Figures 2 and 3 and the equipment count for each installation is given in Table 1.

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Additional Comments for Installations in Table 1

Installation

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1. [REDACTED]

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[REDACTED] is the earliest coverage of which the prime movers and lowbeds can possibly be identified.

2. Obliquity and poor quality of photography from [REDACTED] preclude a more accurate identification

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3. [REDACTED] is the first coverage from which lowbeds could be identified. This is the only mission of which the rail-type lowbed trailers were observed.

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4. [REDACTED] revealed that about 75 percent of the area now occupied by the equipment had been cleared of vegetation.

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[REDACTED] is the first coverage on which equipment was possibly present (two rows and possibly a portion of a third row).

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5. [REDACTED] reveals four rows of unidentified equipment. They are in the same location of those observed on [REDACTED]

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SOVIET TRANSPORTATION EQUIPMENT OBSERVATIONS

TABLE 1

Installation	MAZ 535	MAZ 537	Other Prime movers	Rail lowbeds	20 ton lowbeds	40 ton lowbeds	Tanks	Other vehicles
1 Novograd Volynskiy		119 83 ^a		142 126 ^a			55	39 145
2 Naro Fominsk			123 ^b 72 ^b	101 ^b	13 75		61 35 ^a 56 ^b	115 116
3 Kursk	42 ^b	74 ^b		80 ^a		38 8 ^b 88 ^b		58
4 Volka	88	138		145	95			40
5 Volnoye			68 ^b	64 ^b				

a Probable
b Possible

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Documents - Continued

3. MOD. 26/Manuals/395, Air Photographic Interpreters Handbook on the Arms and Equipment of Soviet and Satellite Countries, Amendment 28, Vol I. (SECRET [redacted])

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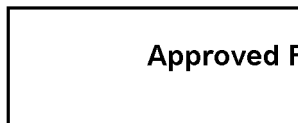
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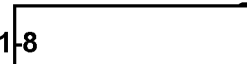
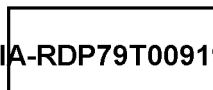
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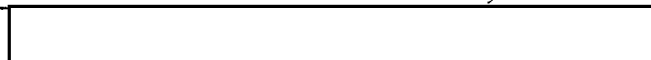
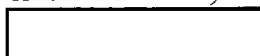


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Documents - Continued

3. MOD. 26/Manuals/395, Air Photographic Interpreters Handbook on the Arms and Equipment of Soviet and Satellite Countries, Amendment 28, Vol I.

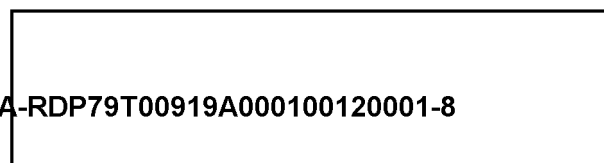


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